

## **REMARKS**

Reexamination and reconsideration of the application is respectfully requested in light of the foregoing amendments to the claims and the following remarks. It is respectfully requested that Applicant's request for request for continued examination be approved.

Claims 20 and 21 are pending in this application. Claims 9-19 have been canceled without prejudice or disclaimer. Claims 1-8 were previously canceled. New claims 20 and 21 have been added.

## **Rejections**

Claim 9 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Watanabe et al (U.S. Published Application No. 2001/0041271) and Murakami et al. (U.S. Patent No. 6,449,975). Claim 9 has been canceled thereby rendering the rejection moot.

Claim 10 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Watanabe et al (U.S. Published Application No. 2001/0041271), Nakamura et al. (U.S. Published Application No. 2002/0054976), Sakamoto (U.S. Patent No. 6,314,764) and Murakami et al. (U.S. Patent No. 6,449,975). Claim 10 has been canceled thereby rendering the rejection moot.

Claims 11, 12, 16 and 18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Sakamoto (U.S. Patent No. 6,314,764) and Murakami et al. (U.S. Patent No. 6,449,975). Claims 11, 12, 16 and 18 have been canceled thereby rendering the rejection moot.

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Claims 12-18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Sakamoto (U.S. Patent No. 6,314,764) and Takagi et al. (WO 00/66504). Claims 12-14 have been canceled thereby rendering the rejection moot.

Claims 15 and 16 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Sakamoto (U.S. Patent No. 6,314,764) and Zou (U.S. Patent No. 6,627,566). Claims 15 and 16 have been canceled thereby rendering the rejection moot.

Claim 17 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Nakamura et al. (U.S. Published Application No. 2002/0054976) and Sakamoto (U.S. Patent No. 6,314,764). Claim 17 has been canceled thereby rendering the rejection moot.

Claim 19 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Murakami (U.S. Published Application No. 2002/0139145) in view of Watanabe et al (U.S. Published Application No. 2001/0041271), Nakamura et al. (U.S. Published Application No. 2002/0054976), Sakamoto (U.S. Patent No. 6,314,764), Murakami et al. (U.S. Patent No. 6,449,975) and Meguro (Derwent Abstract to JP 2000-090619). Claim 19 has been canceled thereby rendering the rejection moot.

### **New Claims**

New claims 20 and 21 are presented for examination. Support for the claims can be found in paragraphs [0054], [0059] and [0063]-[0070]. The new claims further define the invention to include detecting the center of gravity of the glass substrate and creating a center

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hole using the center of gravity as the center of the hole. This combination of steps is not disclosed or suggested by the prior art relied upon by the Examiner. Moreover, the references do not teach detecting the center of gravity by image processing on a two dimensional image as viewed from the direction of the thickness of the glass substrate. For all of the foregoing reasons, favorable consideration and allowance of new claims 20 and 21 is respectfully solicited.

### **Conclusion**

If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, the Examiner is requested to call Applicant's attorney at the telephone number shown below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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